



Inland Counties Emergency Medical Agency

Serving San Bernardino, Inyo, and Mono Counties

Virginia Hastings, Executive Director

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DATE: December 14, 2011

TO: EMS Providers – ALS, BLS, EMS Aircraft
Hospital CEOs, ED Directors, Nurse Managers and PLNs
EMS Training Institutions and Continuing Education Providers
Inyo, Mono and San Bernardino County EMCC Members
Other Interested Parties

FROM: Reza Vaezazizi
ICEMA Medical Director

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SUBJECT: PROTOCOLS FOR 30 DAY COMMENT

The following protocols have been reviewed and revised by the Protocol Education Committee and the Medical Advisory Committee (MAC) and are now available for public comment and recommendations. The public comment period will be 30 days as per ICEMA Protocol #5030.

ICEMA encourages all system participants to submit recommendations, in writing, to ICEMA during the comment period. **Written comments will be accepted until Friday January 13, 2012 at 5 P.M.** Comments may be sent hardcopy, faxed to (909) 388-5825 or via e-mail to SShimshy@cao.sbcounty.gov. Comments submitted and any revisions made will be presented at the January 2012 Emergency Medical Care Committee (EMCC) meetings held in all three counties.

Protocol

Reference #:

- Draft Minimum Documentation Requirements for Transfer of Patient Care
- Draft ICEMA Abbreviation List
- 7010 BLS/ALS Standard Drug and Equipment List
- 7020 EMS Aircraft Standard Drug and Equipment List

RV/VH/DWS/SS/mae

Attachments: 4



ICEMA ABBREVIATION LIST

PURPOSE:

To provide uniform documentation and universal understanding of approved abbreviations.

Authority:

Health and Safety Code
EMCC AD Hoc Committee

Requirements:

All EMS providers will only use ICEMA approved abbreviations provided on this list to prevent confusion on documentation.

List the abbreviations and definitions.

abdomen, abdominal	abd
abdominal aortic aneurysm	AAA
acquired immune deficiency syndrome	AIDS
acute myocardial infarction	AMI
advanced life support	ALS
against medical advice	AMA
airway, breathing, circulation	ABC
appearance, pulse, grimace, activity, respiration	APGAR
as soon as possible	ASAP; asap
aspirin	ASA
At	@
atrial fibrillation	A-fib; afib
atrial flutter	A-flutter
atrial tachycardia	A-Tach

Automated External Defibrillator	AED
bag valve mask	BVM
Basic Life Support	BLS
blood pressure	BP
bowel movement	BM
bundle branch block	BBB
by mouth	PO; p.o.
carbon dioxide	CO2
cardiopulmonary resuscitation	CPR
cerebrovascular accident	CVA
Chest pain	CP
chief complaint	CC; C/C
chronic obstructive pulmonary disease	COPD
complains of	C/O; c/o
congestive heart failure	CHF
continuous positive airway pressure	CPAP
coronary artery disease	CAD
date of birth	DOB
dead on arrival	DOA
diagnosis	Dx
do not resuscitate	DNR
electrocardiogram	ECG; EKG
emergency department	ED
Emergency Medical Services	EMS
Emergency medical technician	EMT
Emergency medical technician-paramedic	EMT-P
emergency room	E.R.
emergency department	E.D.
endotracheal tube	ET
Estimated Time of Arrival	ETA; eta
fracture	Fx; fx

gram	gm
gunshot wound	GSW
history	Hx
hypertension	Htn; HTN
intensive care unit	ICU
intramuscular	IM
intravenous	IV
Intravenous push	IVP
jugular venous distension	JVD
kilograms	kg
laceration	LAC
last menstrual period	LMP
left lower quadrant of abd	LLQ
Level or loss of consciousness	LOC, loc, KO
liter	L
milligram(s)	mg
milliliter	ml
minute(s)	min.
myocardial infarction	MI
nasal cannula	nc
negative	neg.
nitroglycerin	Nitro or NTG
No known allergies	NKA
obstetrics	OB
oxygen	O2
Oxygen Saturation	O2 sat
paroxysmal supraventricular tachycardia	PSVT
patient	Pt; pt
pound	lb; #
premature ventricular contraction	PVC
prescription; intervention plan; therapy	Rx

prior to (our) arrival	PTOA; PTA
Privately owned vehicle	POV
psychiatric	psych
pupils equal reactive to light	PERL, PEARL, or PERRLA
right	R
right lower quadrant of abd	RLQ
short(ness) of breath	SOB
Sinus Bradycardia	SB, S-Brady
Sinus Tachycardia	ST, S-Tach
subcutaneous	sc; subQ
sublingual	SL
to keep open	TKO
transient ischemic attack	TIA
tuberculosis	TB
urinary tract infection	UTI
vital signs	v.s.
within normal limits	WNL; wnl
Wolf-Parkinson-White	WPW
year	yr
years old	Y/O; y.o.
above knee amputation	AKA
Below knee amputation	BKA
Advanced Cardiac Life Support	ACLS
after surgery	Post op
Alcohol Intoxication	ETOH
alert & oriented to (person, place, time & event)	A & O x of 4
alert, verbal, pain. unresponsive	AVPU
Altered level of consciousness	ALOC
ampule	amp
anterior	ant
arterial blood gas	ABG
Base Station	Base

beats per minute	bpm
Body Surface Area	BSA
cancer, carcinoma	CA
cerebral spinal fluid	CSF
Cervical collar	C-collar
Cervical spine	C-spine
dextrose solution	D50 50%
discontinue or discharged	DC; D/C; dc
drops	gtts
epinephrine	EPI
Estimated blood loss	EBL
evaluation	eval.
Evening	pm
foreign body	fb
gastrointestinal	GI
Glasgow Coma Scale	GCS
heart rate	HR
hour	h; hr
human immunodeficiency virus	HIV
intraosseous	IO
Intravenously	IV
Landing Zone	LZ
lateral	Lat
left	L; Lt
left bundle branch block	LBBB
left upper quadrant of abd	LUQ
loss/level of consciousness (as noted by context)	LOC
maximum	max
medical doctor	M.D.
Miles per hour	mph

milliequivalents	mEq
morning	a.m.
motor vehicle accident	MVA
Multiple Casualty Incident	MCI
multiple sclerosis, morphine sulfate	MS
nausea/vomiting	n/v
nausea/vomiting/diarrhea	n/v/d
normal sinus rhythm	NSR
not applicable	N/A
nothing by mouth	NPO
onset, provocation, quality, radiation, severity, time	OPQRST
overdose	OD
past medical history	PMH
pediatric	ped
posterior	post
pulse, motor, sensation	PMS
Pulse, motor, sensory, cap refill	PMSC
Rehabilitation	rehab
right bundle branch block	RBBB
second(s)	sec.
supraventricular tachycardia	SVT
Traffic collision	TC
ventricular fibrillation	V-Fib or VF
ventricular tachycardia	V-Tach or VT
versus	vs
weight	wt
whenever necessary, as needed	prn
acute renal failure	ARF
admission, admitted	adm
adult respiratory distress syndrome	ARDS

amount	amt
Apparent Life Threatening Event	ALTE
Appointment	appt
approximate	approx
auscultation	ausc
Automatic Implanted Cardiac Defibrillator	AICD
Bag of waters	BOW
Base Station Order	BSO
bilateral	Bilat
calcium	Ca
carbon monoxide	CO
Centimeter	cm
central nervous system	CNS
circulation, motor and sensation	CMS
Clear bi-lateral	CBL
complete blood count	CBC
coronary artery bypass graft	CABG
Defibrillation	Defib
delirium tremor	DT
Dextrose 25% (diluted D50)	D25
dextrose in water	D5W 5%
Did not obtain/Did not order	DNO
Difficulty breathing	Diff Breath
ethanol (alcohol)	ETOH
every	q
female	f
gynecology	GYN
height	ht.
history of	h/o

Hydrochlorothiazide	HCTZ
inch	in.
Incident Commander	IC
intracranial pressure	ICP
Intravenous piggy back	IVPB
irregular	irreg
joules	J
Left lower quadrant	LLQ
mechanism of injury	MOI
microgram(s)	mcg
military anti-shock trousers	MAST
Mobile intensive care nurse	MICN
month, months old	mo; m/o
Nasogastric (tube)	NG
No Acute Distress	NAD
No known drug allergies	NKDA
Non Steroidal Anti-inflammatory Drugs	NSAIDS
normal saline	NS
Para, number of pregnancies	P
Paramedic	Medic
Passenger space intrusion	PSI
Pediatric Advanced Life Support	PALS
pelvic inflammatory disease	PID
physical exam, pulmonary embolism, pedal edema (as noted by context)	PE
post, after	p
Pregnancy Induced Hypertension	PIH
premature atrial contraction	PAC
premature junctional contraction	PJC

pulseless electrical activity	PEA
range of motion	ROM
registered nurse	RN
rule out	R/O; r/o
Saline Lock	SL
sexually transmitted disease	STD
signs and symptoms	S/S; s/s
signs, symptoms, allergies medications, past history, last intake, events	SAMPLE
Strong and regular	S&R
sudden infant death syndrome	SIDS
transport	trans
Unable to locate	UTL
Unknown	unk
water	H2O
white blood cell (count)	WBC
with	c
without	s
abduction	Abd;abd
above knee	AK
active range of motion	AROM
activities of daily living	ADL
ambulate, ambulating, ambulated, etc.	amb
and	&
Antecubital	AC
arteriosclerotic heart disease	ASHD

Atherosclerotic heart disease	ASHD
Attention Deficit Hyperactivity Disorder	ADHD
below knee amputation	BKA
bicarbonate, NaCO ₃	bicarb
blood alcohol content	BAC
breath/bowel sounds	BS; b.s.
Calcium Chloride	CACL
cervical immobilization device	CID
computerized axial tomography	CAT
conscious, alert & oriented to person, place, time and event	CAOx4
continue, continuous	cont.
days old	d/o
deep vein thrombosis	DVT
department	dept
diabetes mellitus	DM
Dilation and curettage	D&C
dyspnea on exertion	DOE
electroencephalogram	EEG
Equal	=
Esophageal Tracheal Airway Device	ETAD
et cetera	etc
extension	ext.
eyes, ears, nose, throat	EENT
fire department	FD
flexion	flex
foot, feet (not anatomy)	ft.
full range of motion	FRom
gallbladder	GB

Grain	Gr
Gravida 1,2,3 etc.	
Greater than or equal to	
head, eyes, ears, nose, throat	HEENT
headache	HA; H/A
hematocrit	Hct
hemoglobin	Hb; hgb
history & physical	H&P
immediately	stat
infant respiratory distress syndrome	IRDS
inferior	inf
intake (input) & output	I&O
Intrauterine Device	IUD
Kilometer	Km
Labor and delivery	L&D
Laboratory	Lab
Last normal menstrual period	LMP
Left lower extremity	LLE
Left lower lobe	LLL
Left upper extremity	LUE
left upper lobe of lung	LUL
Less than	
licensed practical nurse	LPN
Lidocaine	Lido
liter per minute	lpm, l/m
long back board	LBB
lumbar puncture	LP
lung sounds	L/S
Magnesium Sulfate	Mag
medications	meds
mercury	Hg
millidrops, microdrops	mggt
millimeter	mm
millivolt	mv

minimal	min
mobile intensive care unit	MICU
moderate	mod
Motor Vehicle Accident (Multi-Victim Accident)	MVA
Narcotic	NARC
nasogastric	NG; ng
Non rebreather mask	NRB
occupational therapist/therapy	OT
operating room	OR
Orogastric (tube)	OG
ounce	oz.
Palpable	palp
Paroxysmal Nocturnal Dyspnea	PAT
past history	P.H.; PHx
Percutaneously Inserted Central Catheter	PICC
Phencyclidine	PCP
physician's assistant	P.A.
police department	PD
positive	pos.
possible	poss
potassium	K
Potassium Chloride	KCL
quart	qt.
red blood cell (count)	RBC
regarding	re:
respiration, respiratory	resp
respiratory rate	RR
Respiratory Therapist	RT
response	RESPS
rheumatoid arthritis	RA
Right lower extremity	RLE
right upper lobe of lung	RUL
right upper quadrant of abd	RUQ

[illegible]



MINIMUM DOCUMENTATION REQUIREMENTS FOR TRANSFER OF PATIENT CARE

PURPOSE:

To define the minimum amount of fields on a patient care record that must be completed prior to the transfer of care between pre-hospital providers if available, applicable or known.

AUTHORITY:

Title 22, Division 9, Chapter 4, Article 8, §100170
EMCC AD HOC Committee

PROCEDURE:

First responders must complete the following mandatory fields prior to transferring care of a patient to a transporting agency whether using paper or electronic documentation.

- 1) Patient identifier
 - a. Name
 - b. Sex
 - c. Birth date
- 2) Chief complaint.
- 3) Mechanism of injury
- 4) Time of onset/ last seen normal
- 5) Pertinent medical history
 - a. Medications
 - b. Allergies
- 6) Vital signs
 - a. Blood pressure
 - b. Pulse rate and quality
 - c. Respiration rate and quality
 - d. Skin signs
- 7) Glasgow Coma Scale
- 8) PQRST for pain.
- 9) All 12 Lead ECG with patient name will accompany the patient
- 10) All medications, and procedures including attempts with times done prior to transfer

- 11) If base station contact made document which base station contacted
- 12) First responder unit identifier.
- 13) Transport unit identifier
- 14) Any other pertinent information not seen by the transport agency that might affect patient care.

The narrative should be written if there is time or shall be given verbally to the next provider. Other fields should be completed if possible or if the fields pertain to the chief complaint.

In the event of a MCI the minimum mandatory documentation required are the triage tags. All patients in an MCI regardless of the degree of injury or lack of injury must have a triage tag.



BLS/ALS STANDARD DRUG & EQUIPMENT LIST

Each ambulance and first responder unit will be equipped with the following functional equipment and supplies. **This list represents mandatory items with minimum quantities** excluding narcotics which must be kept within the range indicated. All expiration dates must be current. All packaging of drugs or equipment must be intact. No open products or torn packaging may be used.

All ALS (transport and non-transport) and BLS transport vehicles shall be inspected annually.

MEDICATIONS/SOLUTIONS

Exchanged Medications/Solutions	BLS	ALS Non-Transport	ALS Transport
Activated Charcoal 25 gm		2	2
Adenosine (Adenocard) 6 mg		1	1
Adenosine (Adenocard) 12 mg		2	2
Adrenaline (Epinephrine) 1:1000 1 mg		2	2
Adrenaline (Epinephrine) 1:10,000 1 mg preload		3	3
Albuterol Aerosolized Solution (Proventil) - unit dose 2.5mg		4 doses	4 doses
Aspirin, chewable – 81mg tablet		1 bottle	1 bottle
Atropine 1 mg preload		4	4
Calcium Chloride 1 gm preload		1	1
Dextrose 25% 2.5 gm preload		2	2
Dextrose 50% 25 gm preload		2	2
Diphenhydramine (Benadryl) 50 mg		1	1
Dopamine 400 mg		1	1
Glucagon 1 mg		1	1
Glucose paste	1 tube	1 tube	1 tube
Ipratropium Bromide Inhalation Solution (Atrovent) unit dose 0.5mg		4	4
Irrigating Saline and/or Sterile Water (1000cc)	2	1	2
Lidocaine 100 mg		3	3
Lidocaine 1gm or 1 bag pre-mixed 1gm/250cc D5W		1	1
Lidocaine 2% (Viscous) bottle		1	1
Magnesium Sulfate 10 gm		1	1
Naloxone (Narcan) 2 mg preload (needle less)		2	2
Nitroglycerine – Spray 0.4mg metered dose <u>and/or tablets (tablets to be discarded 90 days after opening)</u>		1	2
Normal Saline for Injection (10cc)		2	2

Exchanged Medications/Solutions	BLS	ALS Non-Transport	ALS Transport
Normal Saline 100cc		1	2
Normal Saline 250cc		1	1
Normal Saline 1000cc		3	6
Ondansetron (Zofran) 4mg Oral Disintegrating Tablets (ODT)		4	4
Ondansetron (Zofran) 4 mg IM/ IV		4	4
Phenylephrine HCL - 0.5mg per metered dose		1 bottle	1 bottle
Procainamide 1 gm		1	2
Sodium Bicarbonate 50 mEq preload		2	2
Verapamil 5 mg		3	3

CONTROLLED SUBSTANCE MEDICATIONS

Non-Exchange Controlled Substance Medications MUST BE DOUBLE LOCKED	BLS	ALS Non-Transport	ALS Transport
Midazolam – vials of 10mg/2cc, 2mg/2cc, or 5mg/5cc		20-40mg	20-40mg
Morphine Sulfate – ampules of 10mg or 15mg		20-60mg	30-60mg

AIRWAY/SUCTION EQUIPMENT

Exchanged Airway/Suction Equipment	BLS	ALS Non-Transport	ALS Transport
Adult non-rebreather mask	2	2	2
BAAM Device		1	2
End Title CO2 device – Pediatric and Adult (may be integrated into bag)		1	1
CPAP circuits- all manufacture's available sizes		1 each	2 each
Endotracheal Tubes cuffed – 6.0 and/or 6.5, 7.0 and/or 7.5 and 8.0 and/or 8.5 with stylet		2 each	2 each
Endotracheal Tubes, uncuffed – 2.5, 3.0, 3.5		2 each	2 each
Endotracheal Tubes, uncuffed – 4.0 or 4.5, 5.0 or 5.5		2 each	2 each
ET Tube holders – pediatric and adult		1 each	2 each
Infant Simple Mask	1	2	2
King LTS-D Adult: 4-5 feet: Size 3 (yellow) 5-6 feet: Size 4 (red) Over 6 feet: Size 5 (purple)	SPECIALTY PROGRAMS ONLY 2 each	1 each	2 each
King Ped: 35-45 inches or 12-25 kg: Size 2 (green) 41-51 inches or 25-35 kg: Size 2.5 (orange)	SPECIALTY PROGRAMS ONLY 2 each	1 each	2 each
Nasal cannulas – pediatric and adult	2 each	2 each	2 each
Naso/Orogastric feeding tubes - 5fr or 6fr, and 8fr		1 each	1 each

Exchanged Airway/Suction Equipment	BLS	ALS Non-Transport	ALS Transport
Naso/Orogastric tubes - 10fr or 12fr, 14fr, 16fr or 18fr		1 each	1 each
Nasopharyngeal Airways – (infant, child, and adult)	1 each	1 each	1 each
Needle Cricothyrotomy Device – Pediatric and adult or		1 each	1 each
Needles for procedure 10, 12, 14 and/or 16 gauge		2 each	2 each
One way flutter valve with adapter or equivalent		1	1
Oropharyngeal Airways – (infant, child, and adult)	1 each	1 each	1 each
Pediatric non-rebreather O2 mask	2	2	2
Small volume nebulizer with universal cuff adaptor		2	2
Suction Canister 1200 cc	1	1	1
Suction catheters - 6fr, 8fr or 10fr, 12fr or 14fr	1 each	1 each	1 each
Ventilation Bags – Infant 250ml, Pediatric 500ml (or equivalent) Adult	1 each 1 each	1 each 1 each	1 each 1 each
Water soluble lubricating jelly		1	1
Yaunkers tonsil tip	1	1	1

Non-Exchange Airway/Suction Equipment	BLS	ALS Non-Transport	ALS Transport
Ambulance Oxygen source –10L/min for 20 minutes	1		1
Flashlight/penlight	1	1	1
Laryngeal blades - #0, #1, #2, #3, #4 curved and/or straight		1 each	1 each
Laryngoscope handle with batteries – or 2 disposable handles		1	1
Magill Forceps – Pediatric and Adult		1 each	1 each
Portable Oxygen with regulator – 10L/min for 20 minutes	1	1	1
Portable suction device (battery operated)	1	1	1
Pulse Oximetry device	(SEE OPTIONAL EQUIPMENT SECTION, PG. 5)	1	1
Stethoscope	1	1	1
Wall mount suction device	1		1

IV/NEEDLES/SYRINGES/MONITORING EQUIPMENT

Exchanged IV/Needles/Syringes/Monitor Equipment	BLS	ALS Non-Transport	ALS Transport
Blood Tubing (Y type)			2
Conductive medium or Pacer/Defibrillation pads		2 each	2 each
Disposable Tourniquets		2	2
ECG electrodes – Pediatric and Adult		3 sets each	3 sets each

Exchanged IV/Needles/Syringes/Monitor Equipment	BLS	ALS Non-Transport	ALS Transport
Glucose monitoring device with compatible strips and OSHA approved single use lancets		1	1
EZ-IO Needles – Pts. 40kg or greater: 25mm, 15 gauge Pts. 3-39 kg: 15mm, 15 gauge LD needle		2 each 1 each 1	2 each 1 each 1
3-way stopcock with extension tubing		2	2
IO Needles - sizes 16 and 18 gauge		1 each	1 each
IV Catheters – sizes 14, 16, 18, 20, 22, 24		2 each	2 each
Microdrip Administration Set (60 drops/cc)		1	2
Macro drip Administration Set (10 drops/cc)		3	3
Mucosal Atomizer Device (MAD) for nasal administration of medication		4	4
Pressure Infusion Bag (disposable)		1	1
Razors		2	2
Safety Needles – 20 or 21gauge and 23 or 25 gauge		2 each	2 each
Saline Lock Large Bore Tubing Needless		2	2
Sterile IV dressing		2	2
Syringes w/wo safety needles – 1cc, 3cc, 10cc, 20cc, 60cc catheter tip		2 each	2 each

Non-Exchange IV/Needles/Syringes/Monitor Equip	BLS	ALS Non-Transport	ALS Transport
12 Lead ECG Monitor		1	1
Blood pressure cuff – large adult or thigh cuff, adult, child and infant	1	1	1
Defibrillator (adult and pediatric capabilities) with TCP and printout		1	1
Needle disposal system (OSHA Approved)		1	1
Thermometer - Mercury Free with covers	1	1	1

OPTIONAL EQUIPMENT/MEDICATIONS

Non-Exchange Optional Equipment/Medications	BLS	ALS Non-Transport	ALS Transport
AED/defib pads	2		
Ammonia Inhalants		2	2
Approved Automatic ventilator		1	1
Backboard padding	1	1	1

Non-Exchange Optional Equipment/Medications	BLS	ALS Non-Transport	ALS Transport
Bone Injection Drill (adult and pediatric) or ICEMA approved IO device		2	2
Buretrol		1	1
Chemistry profile tubes		3	3
Gum Elastic intubation stylet		2	2
IV infusion pump		1	1
IV warming device		1	1
Manual IV Flow Rate Control Device			
Manual powered suction device	1	1	1
Multi-lumen peripheral catheter		2	2
Needle Thoracostomy Kit (prepackaged)		2	2
Pitocin		20 units	20 units
Pulse Oximetry device	1		
Translaryngeal Jet Ventilation Device		1	1
Vacutainer		1	1

DRESSING MATERIALS/OTHER EQUIPMENT/SUPPLIES

Exchanged Dressing Materials/Other Equip/Supplies	BLS	ALS Non-Transport	ALS Transport
Adhesive tape – 1 inch	2	2	2
Air occlusive dressing (Vaseline gauze)	1	1	1
Ankle & wrist restraints, soft ties acceptable	1	0	1
Antiseptic swabs/wipes		10	10
Bedpan or fracture pan	1		1
Urinal	1		1
Cervical Collars – Rigid Pediatric & Adult or Cervical Collars – Adjustable Adult & Pediatric	2 each 2 each	2 each 2 each	2 each 2 each
Cold Packs	2	2	2
Emesis basin or disposable bags & covered waste container	1	1	1
Head immobilization device	2	2	2
OB Kit	1	1	1
Pneumatic or rigid splints capable of splinting all extremities	4	2	4
Providence/Iodine swabs/wipes		10	10
Roller bandages – 4 inch	6	3	6
Sterile bandage compress or equivalent	6	2	6
Sterile gauze pads – 4x4 inch	4	4	4
Sterile Sheet for Burns	2	2	2
Universal Dressing 10x30 inches	2	2	2

Non-Exchange Dressing Materials/Other Equip/Supplies	BLS	ALS Non- Transport	ALS Transport
Ambulance gurney	1		1
Bandage Shears	1	1	1
Blood Borne Pathogen Protective Equipment - (nonporous gloves, goggles face masks & gowns meeting OSHA Standards)	2	2	2
Drinkable water in secured plastic container or equivalent	1 gallon		1 gallon
Long board with restraint straps	1	1	1
Pediatric immobilization board	1	1	1
Pillow, pillow case, sheets & blanket	1 set		1 set
Short extrication device	1	1	1
Straps to secure patient to gurney	1 set		1 set
Traction splint	1	1	1
Triage Tags- CAL Chiefs or ICEMA approved	30	30	30



EMS AIRCRAFT STANDARD DRUG & EQUIPMENT LIST

Each Aircraft will be equipped with the following functional equipment and supplies. This list represents mandatory items with minimum quantities, to exclude narcotics, which must be kept within the range indicated. All expiration dates must be current. All packaging of drugs or equipment must be intact. No open products or torn packaging may be used.

MEDICATIONS/SOLUTIONS

Medications/Solutions	Amount
Activated Charcoal 25 gm	2
Adenosine (Adenocard) 6mg	30mg
Adrenaline (Epinephrine) 1:1,000	2mg
Adrenaline (Epinephrine) 1:10,000	3mg
Albuterol Aerosolized Solution (Proventil)-unit dose 2.5mg	2 doses
Aspirin, chewable - 81mg tablet	1bottle
Atropine 1mg preload	3mg
Calcium Chloride	1gm
Dextrose 25%	50gm
Dextrose 50%	50gm
Diphenhydramine (Benadryl) 50mg	50mg
Furosemide (Lasix)	40mg
Glucagon	1mg
Intropin (Dopamine)	200mg
Ipratropium Bromide Inhalation Solution (Atrovent) unit dose 0.5mg	4
Lidocaine	300mg
Lidocaine 1 gm or 1 bag pre-mixed 1 gm/250cc D5W	2gm
Lidocaine 2% (Viscous)	2oz
Magnesium Sulfate 10mg	10gms
Naloxone (Narcan)	10mg
Nitroglycerin – Spray 0.4 mg metered dose <u>and/or tablets (tablets to be discarded 90 days after opening.)</u>	1
Normal Saline for Injection (10cc)	2
Normal Saline 250ml	1
Normal Saline 1000ml	4
Ondansetron (Zofran) 4mg Oral Disintegrating Tablets (ODT)	4
Ondansetron (Zofran) 4 mg IM/ IV	4
Phenylephrine HCL - 0.5mg per metered dose	1bottle
Procainamide	1gm

Medications/Solutions	Amount
Sodium Bicarbonate	100mEq
Verapamil (Isoptin)	15mg

CONTROLLED SUBSTANCE MEDICATIONS

Controlled Substance Medications – MUST BE DOUBLE LOCKED	Amount
Midazolam – vials of 10mg / 2ml	20-40mg
Morphine Sulfate – ampules of 10mg	20-60mg

AIRWAY/SUCTION EQUIPMENT

Airway/Suction Equipment	Amount
BAAM Device	1
C-PAP circuits - all manufacture's available sizes	1 each
Endotracheal tubes, uncuffed – 2.5, 3.0, 3.5	2 each
Endotracheal Tubes, uncuffed – 4.0 or 4.5, 5.0 or 5.5	2 each
Endotracheal Tubes cuffed – 6.0, 7.0, 7.5 and 8.0	2 each
ET Tube holders – pediatric and adult	1 each
King LTS-D Adult: 4-5 feet: Size 3 (yellow) 5-6 feet: Size 4 (red) Over 6 feet: Size 5 (purple)	1 each
King Ped: 35-45 inches or 12-25 kg: Size 2 (green) 41-51 inches or 25-35 kg: Size 2.5 (orange)	1 each
Malleable Stylet – pediatric and adult	1 each
Nasal Cannulas – infant, pediatric and adult	2 each
Naso/Orogastric tubes - 10fr or 12fr, 14fr, 16fr or 18fr	1 each
Naso/Orogastric feeding tubes - 5fr or 6fr, and 8fr	1 each
Nasopharyngeal Airways – infant, child, and adult	1 each
Needle Cricothyrotomy Device (Approved) – Pediatric and adult <i>or</i>	1 each
Needles for procedure 10, 12, 14 and/or 16 gauge	2 each
Non Re-Breather O ₂ Mask – Pediatric and Adult	2 each
One way flutter valve with adapter or equivalent	1
Oropharyngeal Airways – infant, child, and adult	1 each
Small volume nebulizer with universal cuff adaptor	2
Suction catheters - 6fr, 8fr or 10fr, 12fr or 14fr	1 each
Ventilation Bags – Infant 250ml, Pediatric 500ml and Adult 1L	1 each
Water soluble lubricating jelly	1
Yaunkers tonsil tip	1

Durable Items Airway/Suction Equipment	Amount
Aircraft Oxygen source –10L/min for 20 minutes	1
End-titile CO2 device – pediatric and adult (may be integrated into bag)	1 each
Flashlight/penlight	1
Laryngoscope handle with batteries – or 2 disposable handles	1
Laryngeal blades - #0, #1, #2, #3, #4 curved and/or straight	1 each
Magill Forceps – Pediatric and Adult	1 each
Portable Oxygen with regulator – 10L/min for 20 minutes	1
Portable suction device (battery operated) <i>and/or</i> Wall mount suction device	1 each
Pulse Oximetry device	1
Stethoscope	1

IV/NEEDLES/SYRINGES/MONITORING EQUIPMENT

IV/Needles/Syringes/Monitoring Equipment	Amount
Conductive medium <i>or</i> Adult and Pediatric Pacer/Defibrillation pads	2 each
ECG – Pediatric and Adult	3 sets each
EZ IO Needles- Pts. 40kg or greater: 25mm, 15 gauge	2 each
Pts. 3-39 kg: 15mm, 15 gauge	2 each
LD needle	1
3-way stopcock with extension tubing	2
IO Needles - sizes 16 and 18 gauge	1 each
3-way stopcock	2
IV Catheters – sizes 14, 16, 18, 20, 22, 24	2 each
Macro drip Administration Set (10 drops/ml)	3
Micro drip Administration Set (60 drops/ml)	1
Mucosal Atomizer Device (MAD) for nasal administration of medication	4
Safety Needles – 20 or 21 gauge and 23 or 25 gauge	2 each
Saline Lock	2
Syringes w/wo safety needles – 1ml, 3ml, 10ml, 20ml, 60ml catheter tip	2 each

Durable Items IV/Needles/Syringes/Monitoring Equipment	Amount
Blood pressure cuff - large adult or thigh cuff, adult, child and infant	1 set
12 Lead ECG Monitor	1
Defibrillator (adult and pediatric capabilities) with TCP and printout	1
Glucose monitoring device	1
Needle disposal system (OSHA approved)	1
Pressure infusion bag	1
Thermometer - Mercury free with covers	1

OPTIONAL EQUIPMENT/MEDICATIONS

Optional Equipment/Medications	Amount
Ammonia Inhalants	2
Automatic ventilator (Approved)	1
Backboard padding	1
BLS AED/defib pads	1
BLS/ALS Handheld Resuscitator (CAREvent ^R)	1
Bone Drill (adult & Peds) or ICEMA approved IO device	2
Chemistry profile tubes	3
D5W in bag	1
IV infusion pump	1
IV warming device	1
Manual powered suction device	1
Multi-lumen peripheral catheter	1
Needle Thoracostomy Kit (prepackaged)	2
Pitocin	2
Translaryngeal Jet Ventilation Device	20 units
Vacutainer	1

DRESSING MATERIALS/OTHER EQUIPMENT/SUPPLIES

Dressing Materials/Other Equipment Supplies	Amount
Adhesive tape – 1 inch	2
Air occlusive dressing (Vaseline gauze)	1
Ankle & wrist restraints, soft ties acceptable	1
Antiseptic swabs/wipes	
Cervical Collars – Rigid Pediatric & Adult <i>or</i>	2 each
Cervical Collars – Adjustable Adult & Pediatric	2 each
Emesis basin or disposable bags & covered waste container	1
Head immobilization device	2
OB Kit	1
Pneumatic or rigid splints capable of splinting all extremities	4
Provodine/Iodine swabs/wipes	
Roller bandages – 4 inch	3
Sterile bandage compress or equivalent	6
Sterile gauze pads – 4x4 inch	4
Sterile Sheet for Burns	2
Universal Dressing 10x30 inches	2

Durable Use Dressing Materials/Other Equipment Supplies	Amount
Aircraft stretcher or litter system with approved FAA straps that allows for Axial Spinal Immobilization	1
Bandage Shears	1
Blanket or sheet	2
Blood Borne Pathogen Protective Equipment - (nonporous gloves, goggles face masks & gowns meeting OSHA Standards)	2
Pediatric immobilization board	1
Short extrication device	1
Traction splint	1